Kitchen Table Drawing: Top Shape, Legs, and Attachment

Original task 1 / independent drawing and calculation

Task 1

Draw a rectangular kitchen tabletop 10 units wide and 6 units deep. Place four legs inset by 1 unit from each corner. Make each leg 8 units long and stop all legs at one floor line. Describe the finished drawing.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw an elliptical tabletop 14 units wide and 9 units deep. Place four legs at the compass points of an inner footprint ellipse inset by 1 unit. Taper each leg from 2 units at the top to 1 unit at the bottom. Describe how you check symmetry.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

A student draws a tabletop 12 units wide and 8 units deep but places the back legs 2 units outside the tabletop outline. State the mistake and give a correction using an inner footprint.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Draw a kitchen table with a rectangular top 9 units wide and 7 units deep, four legs 9 units long, and a taper from 2 units to 1 unit. Add a bracket line at each attachment. Describe one valid alternative letter style for labeling the units.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.